

Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577

\*\*\*OUTSTANDING PO REPRINT\*\*\*

Purchase Order ID PO10810  
Purchase Order Date 11/20/09  
PO Print Date 12/03/09

Page Number 2 of 2

Order From :

MAGNA STAINLESS  
5775 RUE KIERAN  
ST LAURENT, QC H4S 0A3  
CA

VC-MAG002

Contact Name	Buyer	Chantal Lavoie
Vendor Phone	Requisition Nbr	
Vendor Fax	Tax Resale Nbr	10127-2607
Vendor Account Nbr	Terms	Net 30
	Currency	CAD
	FOB	

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty	Unit Price	Extended Price
5	M303R2.000	303 ROUND BAR 2"	11/30/09 Yes	✓ 12.00 f 12-8 / 9/10/2	\$28.7500	\$345.00
Special Inst: MATERIAL: 303 ROUND BAR NOTE: 304/316 NOT ACCEPTABLE				Line Total:	\$345.00	
Outstanding PO Total:						\$1,055.04

MATERIAL CERTIFICATION  
REQ'D UPON DELIVERY

*CQ*  
No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Change Nbr: 3

Change Date: 11/25/09

Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577

\*\*\*OUTSTANDING PO REPRINT\*\*\*

Purchase Order ID PO10810  
Purchase Order Date 11/20/09  
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Page Number 1 of 2

Order From : VC-MAG002

MAGNA STAINLESS  
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ST LAURENT, QC H4S 0A3  
CA

Contact Name	Buyer	Chantal Lavoie
Vendor Phone	Requisition Nbr	
Vendor Fax	Tax Resale Nbr	10127-2607
Vendor Account Nbr	Terms	Net 30
	Currency	CAD
	FOB	

Line Nbr	Reference Revision ID	Description/ Mfg ID	Req Date/ Taxable	Req Qty	Unit Price	Extended Price
Vendor Part Number						
Ship To :	DART AEROSPACE LTD	1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CANADA				

Line Nbr	Reference Revision ID	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
Vendor Part Number							
1	M303B1.000X2.000	303 BAR 1" X 2"	11/30/09 Yes	12.00 f	Yours ppd	\$41.2500	\$495.00
Special Inst: MATERIAL: AISI 303 STAINLESS BAR NOTE: 304/316 NOT ACCEPTABLE							
4	M303B1.000X1.000	303 BAR 1" X 1"	11/30/09 Yes	12.00 f	Yours ppd <i>Mc 11.8/6 9/12/03</i>	\$17.9200	\$215.04
Special Inst: AS ABOVE							
Line Total: \$215.04							

11/25/09



CANADIAN SPECIALTY METALS  
81 STEINWAY BLVD.  
ETOBIKOKE- ONTARIO M9W 6H6 - CAN

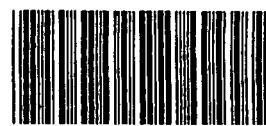
Trade Mark - Zeichen des Lieferwerkes  
Anagrama del suministrador

**Works Inspector Stamp - Werkssachverständiger**  
**Sello del Inspector**

Certificatetype - APZ Nach Certificado tipo EN 10.204/3.1		Certificate nº - Prüf-Nr Certificado nº 630.235		Date-Datum-Fecha 9 DE ENERO 2009	
Our order Nº Werks - Nr Nº de Referencia	398.933	Heat Schmelze Coccada	969444	Your order Nº Bestell - Nr Pedido Nº	074435-AM
Steel Grade Werkstoff Calidad	AISI-303 /			According to Entsprechend Corresponde	ASTM A 582/A582M-05
Shape and Size - Gegenstad Perfily dimension SQUARE 1"		Tolerance - Toleranz Tolerancia ASTM-A484-06 B	Bundles Bunde Bultos	1	Bars Stäbe Barras
				70	Weight Gewicht Peso
SAE AMS 5640U-07.TYPE 1 QQ-S-764B-70 Amd.2 CONDA EN 10.088-3.2005		Requirements - Anforderungen - Exigencias			CP 69.12.04

CP 69.12.04



SOLD TO:  
DART AEROSPACE LTD  
1270 ABERDEEN STREETHAWKESBURY , ON  
K6A 1K7  
Contact: CHANTALSHIP TO:  
DART AEROSPACE LTD  
1270 ABERDEEN STREETHAWKESBURY , ON  
K6A 1K7  
Ship Terms: PREPAID

SPECIAL INSTRUCTIONS

ASA#

MTR:Y

Currency	Sales Person	Customer Phone	Customer Fax	Customer PO	
CANADIAN DOLLARS	ERYCK BLAIS	(613) 632-5200	(613) 632-1053	P0010810	
Sales Order	Terms	Ship Via	Date Ordered	Date Required	Date Shipped
W021807	NET 30 DAYS	NIR:R-557065-1	11/20/09	12/03/09	12/03/09

Ordered	Back Ordered	Unit	Description		Bundle #	Heat #	Shipped
1		PC	STAINLESS ROUNDS SRB 303 2" x R/L	12'8" 136 LB / 1 PC	L034043	422074	1
1		PC	STAINLESS SQUARES SSQ 303 CD 1" x R/L	11'8" 40 LB / 1 PC	L034044	969444	1
Bundles: 1					Approx	Weight:	176 LB

Received by: \_\_\_\_\_

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

# Purchase Order Receipt Listing

Page 1 of 1

December 04, 2009 6:20:45 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO10810 Receipt Dates from 12/4/2009 to 12/4/2009 All Line Item Types

All Item ID/GL/WOs All Rec. Employees All Currencies

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name		VC-MAG002	Magna Stainless								
PO10810	4		M303B1.000X1.000 f		11/30/2009	12/4/2009	11.8000	\$17.92	0.0000	0	\$211.46
CAD	No		303 BAR 1" X 1" f		12.0000	Stores		\$211.46	0.0000	0	
			113341								
	5		M303R2.000 f		11/30/2009	12/4/2009	12.8000	\$28.75	0.0000	0	\$368.00
	No		303 ROUND BAR 2" Each		12.0000	Stores		\$368.00	0.0000	0	
			113341								
											Total Received Quantity: 24.6000
											Total Qty to Inspect (PO U/M): 0.0000
											Total Reject Quantity: 0.0000
											Total Receipt Value: \$579.46
											Total Balance Due Quantity: 0.2000

## Receiving Report

Date: 9/12/3

Batch No: M113341

Supplier: MAGNA

Dart P/O: 10810

Packing Slip: Yes  No   
 Invoice: Yes  No   
 Receipt: Cash  Cr

Release Note Attached: Yes  No  N/A   
 Waybill Attached: Yes  No   
 Shipment Complete: Yes  No  N/A   
 QC6 Inspection  N/A   
 Work Order  Lester  by N/A   
 N/A   
 N/A

### Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments
<u>M35331-000</u>	<u>X2-000</u>	<u>12</u>	<u>0</u>	<u>0</u>	<u>12</u>	

Initials of receiver (if shipment OK) Level 12 L

Production/Admin: 9/12/4  
 Date 9/12/4  
 Received/Costing L  
 Initial L

Location

# Receiving Report

Date: 10/9/01 Batch No: M115555  
 Supplier: MAGNA Dart P/O: 12403  
 Packing Slip: Yes  No  Release Note Attached: Yes  No  N/A   
 Invoice: Yes  No  Waybill Attached: Yes  No  N/A   
 Receipt: Cash  Cr  Shipment Complete: Yes  No  N/A   
 QC6 Inspection OK QC6 Inspection Date 10/9/01 N/A   
 Work Order  N/A

## Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12 LL

Production/Admin:

Date

Received/Costing

Initial

10/9/01

Location

# Purchase Order Receipt Listing

Page 1 of 1

Wednesday, September 01, 2010 2:36:01 PM

All amounts are calculated in domestic currency.

All Vendors PO ID PO12403 Receipt Dates from 9/1/2010 to 9/1/2010 All Line Item Types

All Item ID/GL/WOs All Rec. Employees All Currencies

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name	VC-MAG002	Magna Stainless									
PO12403	1		M303B1.000X1.000 f		8/26/2010	9/1/2010	12.0000	\$21.58	0.0000	0	\$258.96
CAD	No		303 BAR 1" X 1" f		12.0000	DESJ02		\$258.96	0.0000	0	
			115555								
	2		M303B1.000X03.000 f		8/26/2010	9/1/2010	12.0000	\$80.50	0.0000	0	\$966.00
	No		303 BAR 1" X 3' f		12.0000	DESJ02		\$966.00	0.0000	0	
			115555								
											Total Received Quantity: 24.0000
											Total Qty to Inspect (PO U/M): 0.0000
											Total Reject Quantity: 0.0000
											Total Receipt Value: \$1,224.96
											Total Balance Due Quantity: 0.0000



Page 1 of 1

SOLD TO:  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY, ON K6A 1K7

SHIP TO:  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY, ON K6A 1K7

**SPECIAL INSTRUCTIONS**

\*\*\*\*\* INCOMING \*\*\*\*\*

Contact : CHANTAL

Ship Terms: PREPAID

~~MAGNA~~ 3  
OMTR: Y

Currency	Sales Person	Customer Phone	Customer Fax	Customer PO	
CANADIAN DOLLARS	DAVE MC VETY	(613) 632-5200	(613) 632-1053	12403	
Sales Order	Terms	Ship Via	Date Ordered	Date Required	
W033912	NET 30 DAYS	NIR:R-557065-1	08/16/10	08/24/10	09/01/10

Ordered	Back Ordered	Unit	Description	Bundle #	Heat #	Shipped
1		PC	STAINLESS - LB 303 FLAT 1" X 1" X 12' LG	42 LB / 1 PC	L042235	989186
1		PC	303 FLAT 1" X 3" X 12' LG	131 LB / 1 PC	L042236	E212478
			MATERIAL IS PER ASTM A582 MILL TEST + CDEC REQUIS AVEC LIVRAISON			

Received by:

Date:

Signature:

173 LB



INDUSTRIE METALLURGICHE RODACCIAI S.p.A.  
Via Rodacciai, 1 - 10046  
Torino - Italy - Tel. +39 011 252512  
Fax +39 011 252512  
E-mail: [www.rodacciai.it](http://www.rodacciai.it) - [www.igq.it](http://www.igq.it)



CERTIFICATO DI COLLAUDO Inspection Certif. N. 039976 Date 15/07/2010

Secondo According to . . . . . EN 10204:2004 3.1

DESTINATARIO - Cargo-Receiver CLIENTE - Customer

ORDINE - Order N. 450301	Date 8/01/2010	D.d.T. - Delivery note N. 09362/13 Date 27/07/2010
Weight Lb 5.229,00	Tolerance + 0,000 - 0,102 mm	Bars Length 3.660 - 3.960
QUALITA' - Grade STANDARD Type	AISI 303 ✓	WNr UNS S 30300
Mark RODACCIAI . . . . .	303 PLUS	
COLATA - Heat . . . . .	989186 ✓	
PROFILO - Shape . . . . .	SQUARE	
DIMENSIONE - Size . . . . .	1" ✓	
ESECUZIONE - Form of delivery . . . . .	COLD DRAWN	

ANALISI CHIMICA DI COLATA - Cast analysis % by mass

C 0,046	Mn 1,720	Si 0,430	S 0,260	P 0,034	Cr 18,500	Ni 8,500	Mo 0,460	Cu 0,470	Co 0,170
N 0,0380									

CARATTERISTICHE MECCANICHE ALLO STATO DI FORNITURA  
Mechanical properties of delivered material

	Tested	Max
Tensile Strength	Rm PSI 91924,0	
Yield Strength	Rp(0,2) PSI 54516,0	
Elongation	A 4 (%) 48,0	
Hardness	HBW 187,0	241
Reduction of area	Z (%) 58,0	

NOTE - Notes

According to : AMS 5640U type 1 2007 ASTM A 320/A320M-10  
ASTM A 582/A582M-05 ASTM A751-08  
ASTM A484/A 484M 10  
Micro and Macro structure : Satisfactory  
The material was produced by EF + A.O.D.  
No Weld Repair - Free of Mercury contamination

✓  
10/09/07

Pag. 1 / Segue

Co13448



ENCI Bologna Fraz. SCI - Valenzano 1 - 40062  
tel. +39 051 678111 - fax +39 051 628512  
e-mail: [www.rodacciai.com](http://www.rodacciai.com) - e-mail: [info@rodacciai.com](mailto:info@rodacciai.com)



Segue certificato di collaudo  
Inspection Certificate's continuance

N. 039976 Date 15/07/2010

NOTE - Notes

100% crack tested by eddy current method: OK  
Heat treatment = 1940°F quenched in water  
The raw material was melted in Spain.  
This product was manufactured in Italy.  
Material according to our specification Nr. 047

We certify hereby, that the above mentioned products are consistent with the order prescriptions. This certificate was generated by data system acc. to EN 10204, it is not necessary to be signed for validity.

Pag. 2 / 2

RODACCIAI: The Work Inspector  
Roberto Quattri

PO: P011112 Part #:

Inc 08-31-10

**MONTANSTAHL**  
 special profiles in steel 

 Tel: +41 (91) 6416-800  
 Fax: +41 (91) 6416-804  
 email: info@montanstahl.com

004413

## mill test certificate

 product:  
 Flat - ACD 1 x 3 Inch 11-13'

mill test certificate according to

## Customer specs

size standards  
PT 111grade:  
303grade standards  
ASTM A582/A582M

handles

823768-823771

 order n°  
**Consignment Stock #4**  
 (29884, 29739)
net weight  
5057 lbsexecution  
ACDmelting  
EAF/AOD

Item	C	Si	Mn	P	S	Ni	Cr	Mo	Ti	Al	N	Cu	Pb	V	Co
E212478 ✓	0.059	0.61	1.70	0.032	0.269	8.88	17.71	0.35			0.022	0.63		0.10	
tensile strength															
Rm	Rp 0.2%		Rp 1%			A5		Z			HB		KV		
88 kN	59 kN					46 %		64 %			167				

- We hereby confirm that the material certified in this document is conform to enclosed data sheet
- Material is produced in compliance with ROHS (2002/95/EC)
- Material free from Mercury and radioactive contamination

- Country of melt: Spain
- Country of manufacturing origin: Switzerland


 10/09/07  
*and*

Trace Mark



date

06.11.2008

The works' inspector

*D. Scupriu*

CS 13464

Inc 08-31-10

S00817PR009-2 MAGNA STAINLESS PO: P011112 Part #:

1.00PC 131.00LB



**Montanstahl**  
CH – 6855 Stabio

PT111

**DATA SHEET FOR ACD STAINLESS STEEL FLAT BARS IN  
GRADES 303, 304 / 304L AND 316 / 316L**

Applicable standards	Rev.	Grade		
		ASTI - 303 UNS - S30300	ASTI - 304/304L UNS - S30400 UNS - S30400	ASTI - 316/316L UNS - S31600 UNS - S31603
ASTM	A320/A320M	2004	X	X
	A484/A484M	2005	X	X
	A582/A582M	2005	X	
	A276	2008a		X
	A370	2005	X	X
	A479/A479M	2006a		X
AMS	5640U (type 1)	2007	X	
	2241P	2005	X	
	5653F	2002		X
	5648K	2002		X
	S 7720 A	1997		X
	5639H (type 1)	2002		X
	5647H	2002		X
	2248E	1993		X
	QQ S 763A	2003		X
	ASME	SA479	2007	X

**Chemical values**

Grade	C <sup>(1)</sup>	Si <sup>(1)</sup>	Mn	Ni	Cr	Mo	S <sup>(2)</sup>	P <sup>(2)</sup>	N <sup>(2)</sup>	Cu <sup>(2)</sup>	Co <sup>(2)</sup>	Zr <sup>(2)</sup>
303	0,15	1	2 <sup>(1)</sup>	8-10	17-19	0,6 <sup>(1)</sup>	0,35 <sup>(2)</sup>	0,15	0,1	0,75	0,1	0,60
304/304L	0,03	0,75	2 <sup>(1)</sup>	8-10,5	18-20	0,5 <sup>(1)</sup>	0,03	0,04	0,1	0,50	0,1	
316/316L	0,03	0,75	1-2	10-14	16-18	2-3	0,03	0,04	0,1	0,75	0,1	

<sup>(1)</sup> Maximum values

<sup>(2)</sup> For thicknesses  $\leq 0,25"$ : S<sub>min</sub> = 0,20

**Mechanical values<sup>(4)</sup>/<sup>(5)</sup>**

Grade	Thickness	TS <sup>(3)</sup> [KSI]	YS <sup>(3)</sup> [KSI]	EL <sup>(3)</sup> [%]	RA <sup>(3)</sup> [%]	HB <sup>(3)</sup>
303	Up to 0,5"	75	30	30	40	140-241
	Over 0,5"	75	30	35	50	223
304/304L	Up to 0,5"	90	45	30	40	140-223
	Over 0,5"	75	30	40	50	140-223
316/316L	Up to 0,5"	90	45	30	40	140-223
	Over 0,5"	75	30	30	40	140-223

<sup>(3)</sup> Maximum values; hardness is measured in centerline of width after removal of specific surface layer (see ASTM A320)

<sup>(4)</sup> Minimum values

<sup>(5)</sup> Cold drawn flat bars are not intentionally strain hardened but drawn to specific dimensional tolerances.

<sup>(6)</sup> Cold drawn flat bars have a higher magnetic permeability than HRAP flat bars.

- Solution annealed at 1050°C and water quenched prior to cold drawing.
- Intergranular corrosion test according to ASTM A262 practices A, C & E (where applicable)
- Micro and macro structure: OK
- Grain size per ASTM E112: 5-7
- No welding or weld repairs
- Material free of contamination from mercury or metals liquid at ambient temperature
- Material DFARS compliant

*2009/07*



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO12403**

Purchase Order Date 8/13/10  
PO Print Date 8/13/10

Page Number 1 of 1

Order From : VC-MAG002

MAGNA STAINLESS  
5775 RUE KIERAN  
ST LAURENT, QC H4S 0A3  
CA

Contact Name	Buyer	Chantal Lavoie
Vendor Phone	Requisition Nbr	
Vendor Fax	Tax Resale Nbr	10127-2607
Vendor Account Nbr	Terms	Net 30
	Currency	CAD
	FOB	

Ship To : DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**FAXED**  
*FC 8/13/10*

Line Nbr	Reference Revision ID	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M303B1.000X1.000	303 BAR 1" X 1"	8/26/10 Yes	12.00	Yours ppd f	\$21.5800	\$258.96

**Special Inst:** MATERIAL: AISI 303 SS BAR AS PER  
ASTM A582  
NOTE: AISI 304/316 NOT ACCEPTABLE

2	M303B1.000X03.000	303 BAR 1" X 3'	8/26/10 No	12.00	Yours ppd f	\$80.5000	\$966.00
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**Special Inst:** AS ABOVE

*P.O 10/9/10*  
PO Total: \$1,224.96

**MATERIAL CERTIFICATION  
REQ'D UPON DELIVERY**

*W CL*

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Change Nbr: 1

Change Date: 8/13/10

# SPECIFICATION

D

PURCHASE MATERIAL: AISI 303 SS BAR  
(NOTE: AISI 304/316 NOT ACCEPTABLE)



SPECIFICATION: ASTM A582

PART NUMBER: M303B|T.TTT X|WW.WWW|  
|THICK| |WIDTH|

WHERE "T.TTT" = THICKNESS IN INCHES  
AND "WW.WWW" = WIDTH IN INCHES

EG. 0.5" x 3.0" BAR = M303B0.500X03.000

C

B

A

D4148-3

~~7-4 Bar 1.250" x 2" x 24"~~

M174B2.000X01.500	2.412105263	12
M174PH-H900B3.937X4.750	15.00431263	8
M174PH-H900R1.000	72.96584177	4
M174PH-H900R1.375	75.65768421	4
M2024T3S.040	356.4229895	34
M2650-6	29.84286747	30
M303B1.000X1.000	2.895667318	6
M303B1.000X2.000	1.83159	6
M303B1.500X03.000 1143	5.173647368	6
M303B2.000X1.750	4.475354211	12 ft
M303R0.500	11.65344901	0
M303R0.750	81.95921053	0
M304B0.500X2.500	417.8467105	0 74 12
M304EX0.75-16F	297.1794868	0 993.555733 192
M304R1.00	8.210526316	0 0 0
M304RO.750	10.51168421	0 29.09473684 24
M304S12GA	70.28030015	0 204.1 32
M304S26GA	6.301324331	0 144 32
M304TR0.500W.035	83.69519575	0 129.490217 80
M304TR0.750W.065	1.212994737	0 63.5 24
M304TR1.000W.049	3.202610316	0 30.841584 24
M304TS0.500W.049	130.6874427	0 498.4837258 120
M304TS0.750W.049	315.3345074	0 367.9466048 120
M304TS0.750W.065	132.0615288	0 326.764885 200
M4130NB0.500X03.000	41.78473684	0 24 40
M4130NT0.500W.049	5.722631579	0 67.333 10
M4130NT0.750W.049	37.19178947	0 139.1667 30
M6061T6B0.187X04.000	7.874052632	0 73.42 24
M6061T6B0.250X02.500	3.837894737	0 30.4134 10
M6061T6B0.250X06.000	11.46773684	0 42 12
M6061T6B0.375X00.750	3.873942105	0 18.1471 12
M6061T6B0.500X05.000	29.14684211	0 49.8636 12
M6061T6B0.500X06.000	21.61113684	0 43.2814 24
M6061T6B0.750X00.250	5.619157895	0 16.5 12
M6061T6B0.750X00.750	1.765030004	0 36.5883 24
M6061T6B00750X00.125	15.80833158	0 99.3017 80
M6061T6B1.000X02.000	11.75260526	0 50.422 40
M6061T6B1.000X04.000	33.89348421	0 77.1 12
M6061T6B1.000X06.000	2.325987994	0 12 6
M6061T6B1.000X12.000	13.89175789	0 16 12
M6061T6B1.000X15.000	29.85052632	0 46.3 24
M6061T6B1.500X02.000	1.078557895	0 15.2863 12
M6061T6B1.500X04.000	3.476266098	0 11.2643 10
M6061T6B2.000X04.500	2.495788947	0 19.62421 6
M6061T6B30000X01.500	1.159783811	0 23.1789 20
M6061T6R0.625	43.44222632	0 77.5 30
M6061T6R0.750	7.119031579	0 12.11684211 40
M6061T6R1.000	1.183663158	0 3.68 12 ft

## Chantal Lavoie

---

**From:** Christina Antoniou [mailto:cantoniou@magnastainless.com]  
**Sent:** August 12, 2010 11:30 AM  
**To:** Chantal Lavoie  
**Subject:** RE: QUOTE

Hello Chantal,

303 Flat 1 x 3 x 150" lg approx  
1 bar \$ 966.00/pc  
1 1/2 weeks delivery

Thank you

## Christina Antoniou

Magna Inoxydable et Aluminium  
ventes internes aérospatiale/inside sales aerospace  
5775 rue Kieran  
St Laurent QC, H4S 0A3  
Tel: (514) 339-1211 Fax: (514)339-1105  
[www.magnastainless.com](http://www.magnastainless.com)

---

**From:** Chantal Lavoie [mailto:clavoie@dart Aero.com]  
**Sent:** August 11, 2010 1:09 PM  
**To:** Christina Antoniou  
**Subject:** RE: QUOTE

Hi Christina,  
Please advise price & delivery on material.  
303 bar 1" x 3" x 12ft  
Thanks  
Chantal

---

**From:** Christina Antoniou [mailto:cantoniou@magnastainless.com]  
**Sent:** August 11, 2010 10:49 AM  
**To:** Chantal Lavoie  
**Subject:** RE: QUOTE

Bonjour Chantal,

Voici les prix ci dessous

Pour le item 1 le 1 1/2 x 2 est la seule dimension disponible a la moment, déjà vérifier avec 3 fournisseurs

Si vous avez des questions SVP n'hésiter pas de nous conatcter

Merci beaucoup !

**Christina Antoniou**

**Magna Inoxydable et Aluminium**

ventes internes aérospatiale/inside sales aerospace

5775 rue Kieran

St Laurent QC, H4S 0A3

Tel: (514) 339-1211 Fax: (514)339-1105

[www.magnastainless.com](http://www.magnastainless.com)

---

**From:** Chantal Lavoie [mailto:[clavoie@dartaero.com](mailto:clavoie@dartaero.com)]

**Sent:** August 10, 2010 1:29 PM

**To:** Christina Antoniou

**Subject:** QUOTE

Hi Christina,

Please advise price & delivery on material.

17-4 bar 1.250" x 2" x 24 ft OFFRE 1 1/2 " X 2" X 12' LG \$ 986.12 EACH LENGTH 1 1/2 SEMAINE DE LIVRAISON

303 bar 1" x 1" x 12 ft 1 BAR \$ 259.00/PC 1 1/2 SEMAINE DE LIVRAISON

~~303 bar 1.5" x 3" x 12 ft 1 BAR \$ 1209.00/PC 1 1/2 SEMAINE DE LIVRAISON 1 1/2 SEMAINE DE LIVRAISON~~

6061t6 round bar 1" x 12ft 1 BAR \$ 85.00/PC 1 1/2 SEMAINE DE LIVRAISON

Thanks

Chantal

TRANSMISSION VERIFICATION REPORT

TIME : 08/13/2010 11:42  
NAME :  
FAX :  
TEL :  
SER. # : F9N212739

DATE, TIME	08/13 11:41
FAX NO./NAME	15143391105
DURATION	00:00:18
PAGE(S)	01
RESULT	OK
MODE	STANDARD
	ECM

DART AEROSPACE LTD		Work Order:	623CD
Description: Sill Fitting		Part Number:	D4111-3
Inspection Dwg: D4111	Rev: A		Page 1 of 1

### FIRST ARTICLE INSPECTION CHECKLIST

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
1.00	$\pm .030$	.985	✓		Verin JL-3	
.028	$\pm .005$ $-.001$	.128	✓		"	
.500	$\pm .010$	.500	✓		"	
.25	$\pm .030$	.244	✓		"	
.25	$\pm .030$	.250	✓		"	
.500	$\pm .010$	.500	✓		"	
.313	$\pm .004$ $-.001$	.314	✓		"	
.610	$\pm .010$	.610	✓			
.505	$\pm .030$	.494	✓		"	
2.22	$\pm .030$	2.221	✓		"	
1.250	$\pm .010$	1.250	✓			
.03	$\pm .030$	.030	✓		R-G	
.100	$\pm .010$	.098	✓		Verin JL-3	
1.030	$\pm .010$	1.030	✓		"	
.300	$\pm .010$	.304	✓		"	
.800	$\pm .030$	.800	✓		"	
.74	$\pm .030$	.741	✓		"	
40°	$\pm .5^\circ$	40°			protractor	
.18	$\pm .030$	.190	✓		Verin JL-3	
.125	$\pm .010$	.124	✓		"	
.35	$\pm .030$	.335	✓		"	
1.75	$\pm .030$	1.757	✓		"	
.400	$\pm .010$	.401	✓		"	
.50	$\pm .030$	.498	✓		"	

Measured by:	<u>SL</u>	Audited by:	<u>JK</u>	Preliminary Approval:	<u>NP</u>
Date:	10/10/14	Date:	10-10-14	Date:	—

Rev	Date	Change	Revised by	Approved
E	10.04.14	Added preliminary approval	KJ	

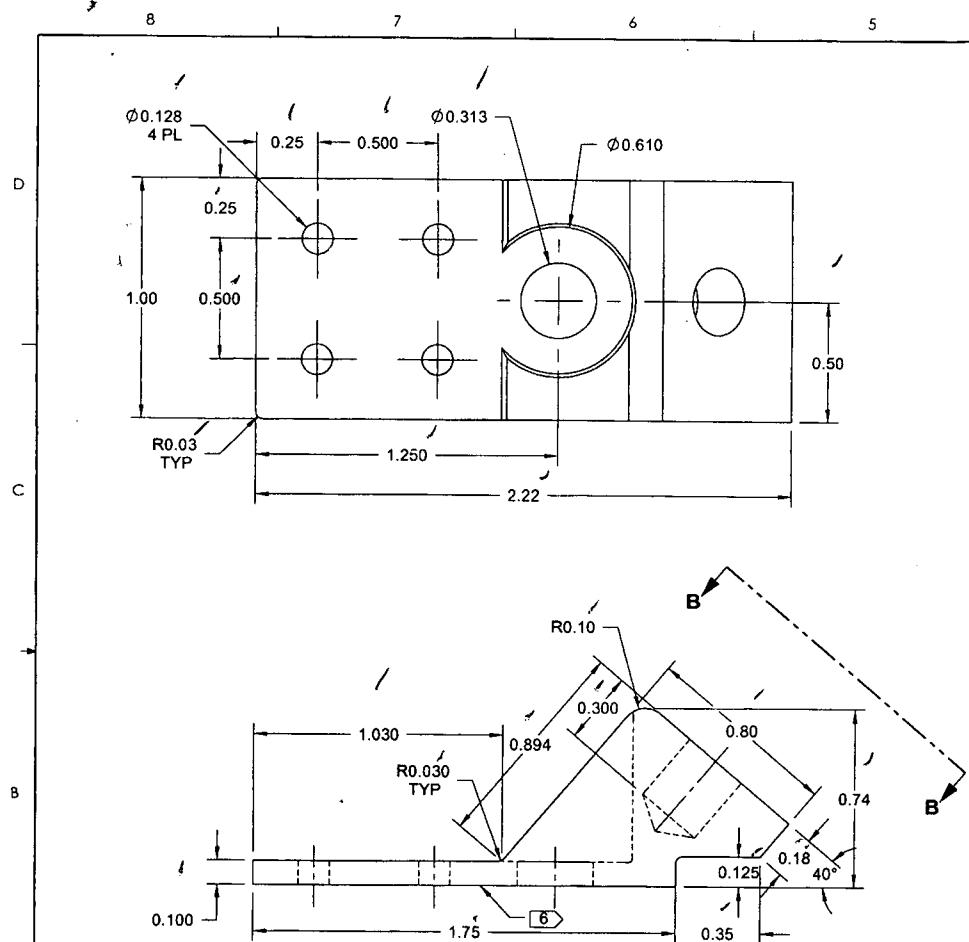
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

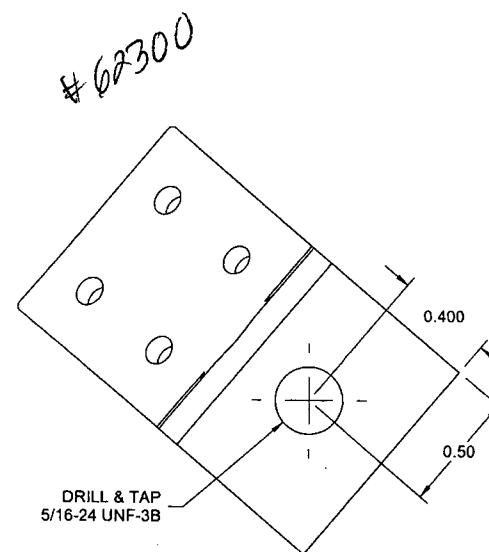
NOTE: Date & initial all entries



D4111-3 SILL FITTING

A NOTES:

- 1) MATERIAL: 303/304/316 STAINLESS STEEL BAR, PER ASTM A276 OR ASTM A582  
PER DART SPEC M303B OR M304B
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENT P/N D4111-3 & B/N PER QSI 044 6.1
- 7) WEIGHT: 0.13 lbs



VIEW B-B

RELEASED  
2010-09-23  
W

DESIGN	JPH	DART AEROSPACE LTD	
DRAWN	JPH	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	
MFG. APPR.	<i>[Signature]</i>	D4111	REV. A
APPROVED	<i>[Signature]</i>	SHEET 3 OF 3	
DE APPR.	<i>[Signature]</i>	TITLE	SCALE
DATE	10.07.20	SILL FITTING	NTS

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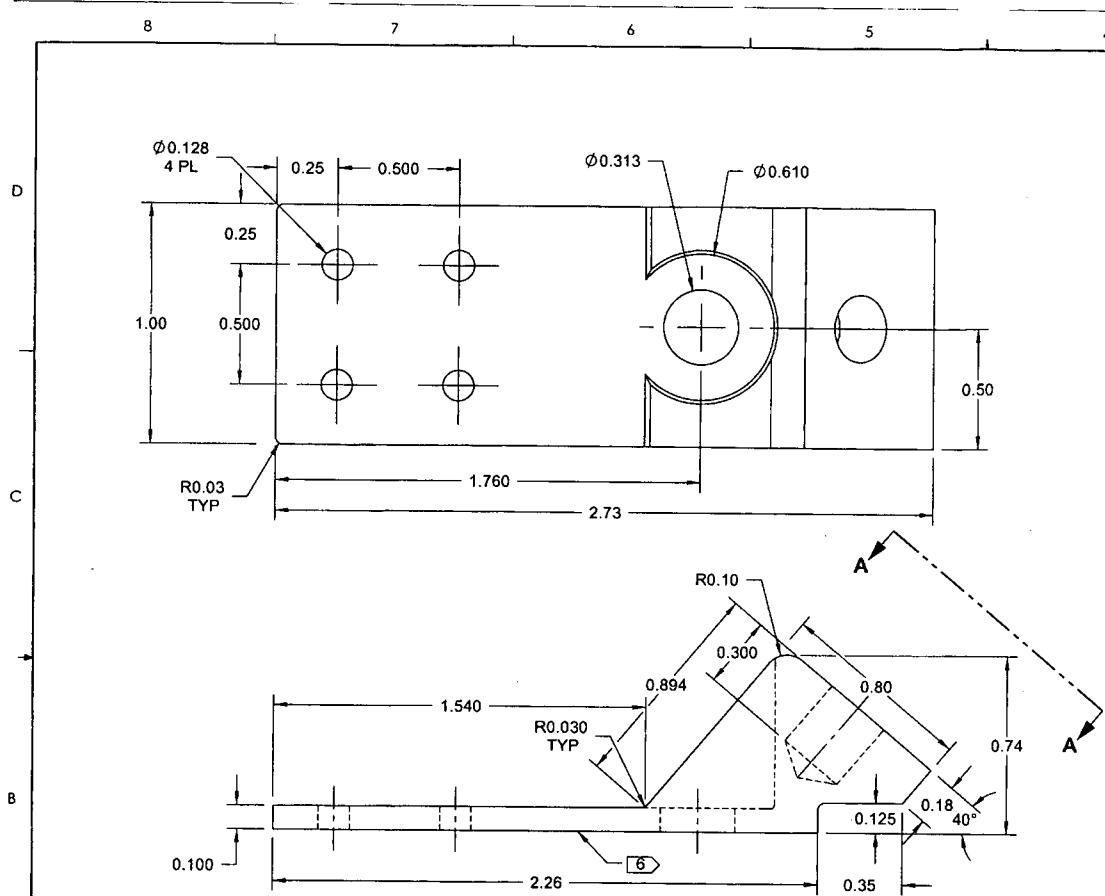
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

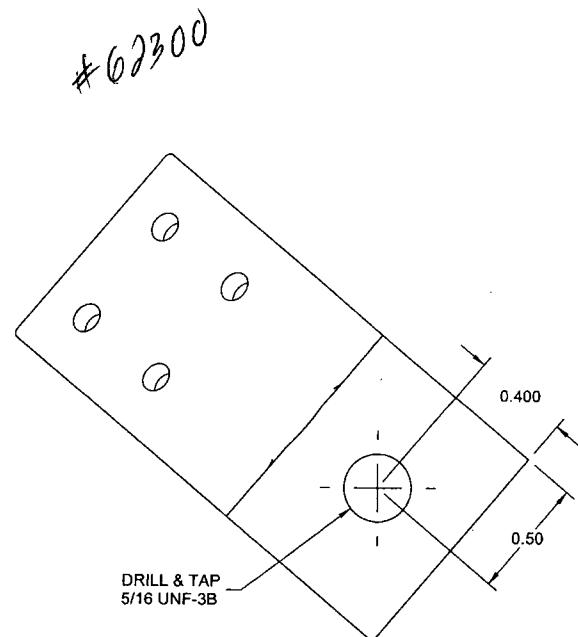
NOTE: Date & initial all entries



## D4111-1 SILL FITTING

**NOTES:**

- 1) MATERIAL: 303/304/316 STAINLESS STEEL BAR, PER ASTM A276 OR ASTM A582 PER DART SPEC M303B OR M304B
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENT P/N D4111-1 & B/N PER QSI 044 6.1
- 7) WEIGHT: 0.14 lbs



**VIEW A-A**

RELEASED 2010-09-23  
ME

DESIGN	JPH	DART AEROSPACE LTD		
DRAWN	JPH	HAWKESBURY, ONTARIO, CANADA		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A	
MFG. APPR.	<i>[Signature]</i>	D4111	SHEET 2 OF 3	
APPROVED	<i>[Signature]</i>	TITLE	SCALE	
DE APPR.	<del><i>[Signature]</i></del>	SILL FITTING	NTS	
DATE	10.07.20	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT		

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

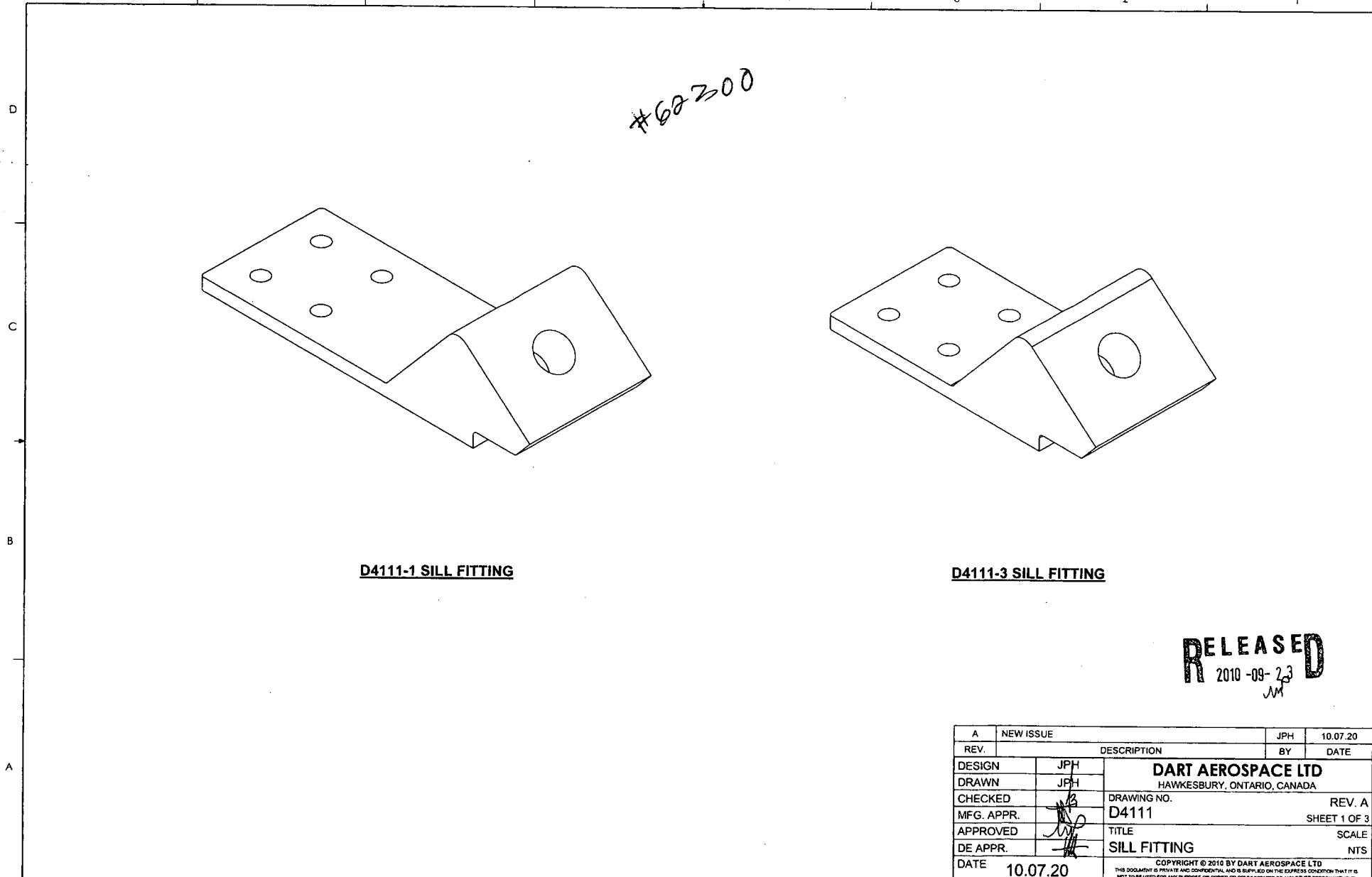
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

8 7 6 5 4 3 2 1



REV.	NEW ISSUE		JPH	10.07.20
DESIGN	JPH	DESCRIPTION	BY	DATE
DRAWN	JPH	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA		
CHECKED	<i>AB</i>	DRAWING NO.		REV. A
MFG. APPR.	<i>AB</i>	D4111		SHEET 1 OF 3
APPROVED	<i>AB</i>	TITLE		SCALE
DE APPR.	<i>AB</i>	SILL FITTING		NTS
DATE	10.07.20			

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8 7 6 5 4 3 2 1

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			
*								

NOTE: Date & initial all entries

# Picklist Print

Friday, September 24, 2010 3:25:45 PM

Page 1

Work Order ID: 62300



Parent Item: D4111-3



Parent Item Name: Sill Fitting

Start Date: 9/27/2010

Required Date: 10/4/2010

Start Qty: 3.00

Required Qty: 3.00

Comments: IPP REV:A NEW ISSUE 10-09-24 JLM VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M303B1.000X1.000		Purchased		No		100	f	13.5989	0.21	0.663158		SL	10/8/14

303 BAR 1" X 1"



Location	Loc Qty	Loc Code
MAT	12	
115555	12	.46
MAT53	1.59892	
113341	0.36996	.23
113719	1.22896	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

**Work Order ID 62300**

Friday, September 24, 2010 3:25:45 PM



Page 3

Item ID: D4111-3

Revision ID:

Item Name: Sill Fitting

Start Date: 9/27/2010 Start Qty: 3.00

Accept



Setup Start



Required Date: 10/4/2010 Req'd Qty: 3.00



Cust Item ID:

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center ID

150

Operation  
Description

QC21- Final Inspection - Work Order Release

Set Up/  
Run Hours

0.00

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

QC

Quality Control

0.00

Memo

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

**Work Order ID 62300**

Friday, September 24, 2010 3:25:45 PM



Page 2

Item ID: D4111-3

Accept



Setup Start



Revision ID:

Item Name: Sill Fitting

Stop



Start Date: 9/27/2010 Start Qty: 3.00



Cust Item ID:

Required Date: 10/4/2010 Req'd Qty: 3.00



Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center ID

120



QC

Quality Control

Operation  
Description

QC2- Inspect parts off machine FAI/FAIB

Set Up/  
Run Hours

0.00

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130



QC

Quality Control

QC8- Inspect parts - second check

0.00

0.00

SL 10/10/14

140



Packaging

Packaging

Identify as per dwg & Stock Location: U

0.00

129

0.00

PPP1X62779

JUL 10-10/14 3 9

10-10-14

3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

**Work Order ID 62300**

Friday, September 24, 2010 3:25:45 PM



Page 1

Item ID: D4111-3

Accept



Setup

Start



Revision ID:

Item Name: Sill Fitting

Stop



Start Date: 9/27/2010 Start Qty: 3.00



Cust Item ID:

Required Date: 10/4/2010 Req'd Qty: 3.00



Customer:

Reference:

Approvals:

Process Plan: MFDate: 10-9-24 Tooling:

Date:

Run

Start



QC:

Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_

Date: \_\_\_\_\_

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan

Accept  
Code

Qty

Reject  
QtyReject  
NumberReject  
NumberInsp.  
Stamp

Draw Nbr	Revision Nbr
D4111	A

100



Bandsaw

Jeaspa Bandsaw

Memo

CUT BLANK TO 2.345" LONG

0.00

SL 10/10/12

MATERIAL CERTIFICATION

REQ'D UPON DELIVERY

110



HAAS 1

HAAS CNC vertical machine #1

Memo

MILL AS PER DWG AND FOLIO FA965

DWG REV: AFOLIO REV: AA

0.00

SL 10/10/14

2-DEBURR